# Reservoir Patch Program

Welcome to an exciting patch program designed for you and your entire family!
Getting involved in this program means you'll learn about the history, staff, wildlife, and programs of the reservoir you are visiting-and earn a patch and certificate to take home. Sound like fun? It is! This brochure will answer your questions about the program and list the requirements for one age level.

**HOW?** The program is based on a point system. There are 3 levels of achievement/ patches, and each requires a different number of points for completion. The 3 levels are:

Nature's Pal - age 7 and under (25 points)
Junior Wildlifer - age 8-11 (40 points)
Reservoir Ranger - age 12 and up (60 points)

Points are earned by choosing activities in five basic areas. Each area has several activities and you may choose the activities that appeal to you, as long as you earn the required number of points from each area. The number of points required in each area is different in each of the three levels. The five basic areas that you must earn points in are:

- 1. Why Reservoirs?
- 2. You and the Environment
- 3. IDNR and Natural Resources Careers
- 4. Helping Time
- 5. Program Attendance

As you complete an activity, the reservoir interpreter will initial this brochure in the correct space. When you have earned all your points, you will receive a patch and certificate showing that you have completed the patch program!

WHEN? Each reservoir that offers the patch program this summer will schedule a time each week for explaining/assisting you with your "patchwork". That time will be for introduction of the program, answering questions, and completing activities. It is NOT a "program" that you can count for points. Children should be accompanied to all patch program activities by an adult.

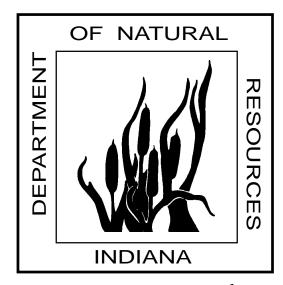
**WHERE?** Each reservoir that offers the program will post the place where you can meet the interpreter to get started. Check an activity schedule at the reservoir you are visiting for details.

To find out which reservoirs are offering the patch program this summer, call **317-232-4124**.

The program is designed so that you can work on it at any reservoir that is participating. Make sure you keep this brochure as a record of the number of points you have earned!

ADVANCED BAR? If you have earned your patch, but are not old enough to start the next age level, you may work on earning an advanced bar. The Advanced Bar is earned when a participant completes all of the activities in the brochure and has again completed the required points for program attendance and helping time. You do not have to repeat activities, only complete those that were not done the first time.

WHAT ABOUT STATE PARKS' PATCH PROGRAM? If you are working on state parks' patch program, we encourage you to complete it! You may have your card signed for service time or program attendance only at a reservoir. If you are working on the reservoir patch program and visit a state park, you may have your brochure initialed for helping time or program attendance only.





Write Your Name Here

## DNR

Indiana Department of Natural Resources Division of State Parks and Reservoirs

Interpretive Services 402 W.Washington Room W298 Indianapolis, IN 46204 317-232-4124

## **RESERVOIR RANGER**

Welcome to the Reservoir Ranger Patch Program. If you are 12 years old or older, then this patch is for you! To earn the Reservoir Ranger patch and certificate you must complete activities from the 5 basic areas totalling **60 points**. The number of points you need from each of the 5 areas is listed under "points required". You may choose the activities in each area that you would like to do. Have fun!

POINTS

REQUIRED

#### I. WHY RESERVOIRS?

1. Complete the Reservoir Ranger Scavenger Hunt. (3 points)

- 2. Visit the dam and write about or describe your trip. (3 points)
- \_\_3. Build a model of a reservoir including a State Recreation Area, campsites, wildlife areas, lake, etc. (6 points)

POINTS

REOUIRED

### YOU AND THE ENVIRONMENT 15

(You must earn at least 3 points per section.)

#### A. FORESTRY

- 1. Find examples of tree uses in your home or campsite. What kind of tree was used? What part of the tree was used? (1 point each tree)
- \_\_\_\_ 2. Design a Smokey Bear poster. (1 point)
- \_\_\_\_\_3. Define and explain the advantages of Timber Stand Improvement (TSI). (1point)

#### B. WILDLIFE

- 1.Make a chart listing at least 3 differences between one of the following pairs: mammals-birds; reptiles-amphibians; spiders-insects; mammals-reptiles; birds-reptiles. (1 point each chart)
  - 2. Define food chain and give an example involving at least 4 levels. (1 point)
- \_\_\_ 3. Observe the behavior of a wild animal for 30 minutes or more and write a summary of the behavior. (3 points)

#### C. FISH AND WILDLIFE MANAGEMENT

- \_\_\_\_\_1. Observe and describe a wildlife management practice at the reservoir you are visiting. (1 point each)
- **2**. Go fishing for one hour. (2 points)
  - \_3. Build an artificial nesting structure to be used to attract wildlife at the reservoir you are visiting (Bluebird box, wood duck box, winter roosting box, etc.). (3 points)

#### \_D. OUTDOOR LIVING

- \_\_\_\_\_1. Explain 3 safety rules for the use of a gun or bow. (1 point)
  - 2. Demonstrate common first aid symptoms and treatment. (1 point each pair)
  - 3. Explain how you can lessen your impact on the forest when hiking and how to purify water you find for drinking. (1 point)

#### \_E. ECOLOGICAL PRINCIPALS

- \_\_\_\_\_1. Define **habitat**. Find 2 different habitats at the lake you are visiting. Explain **a**) how they are different, and **b**) which animals might choose each as a habitat. (2 points)
- 2. Find an example of erosion on the property. What caused it? How can it affect the lake? How could it be stopped? (2 points)
- 3. Examine different layers (canopy, understory, shrub, ground) of a forest. Tell two plants and two animals you might find in each layer. (2 points)

POINTS
REQUIRED

## IDNR AND NATURAL RESOURCE CAREERS

- \_1.Make a chart showing 6 IDNR divisions and their responsibilities. (2 points)
- 2. Talk with a designated property employee other than the interpreter. Find out 1) what they do, 2) the hours they work, 3) special training required for their job, and 4) how they became interested in working for IDNR. (2 points per employee)
- 3. Name Indiana colleges that offer Natural Resources majors.
   (1 point per college)

POINTS
REQUIRED
12

## HELPING TIME (1 point per 15 minutes)

	t 3 points				
interpre	eter plan,	promot	e, or gi	ve a pro	gram.

POINTS REQUIRED

### V. PROGRAM ATTENDANCE

21

## **Program Point Values:**

**10 points:** Hunter, Boater, or Snowmobile Education course taught by a law enforcement official or other trained person.

**5 points:** Any program on natural history, cultural history, or resource management.

**3 points:** Any program on outdoor skills, safety, crafts, educational movies, or a scheduled recreation program.

#### PROGRAMS:

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